UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE OF CORRECTION**

PATENT NO. : 5,057,540

Page 1 of 2

DATED

: October 15, 1991

INVENTOR(S): Charlotte A. Kensil, et al

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 10, line 32, "40 nM" should read "40 mM".

Column 11, Table 2, last line, under the heading "HPLC Fraction" there should be a dash " - " to denote that no fraction was included as adjuvant with the antigen.

Column 12, line 1, "QA-17" should read "QA-7".

Column 20, line 49, "coolly" should read "commonly".

Column 21, line 32, "microliter" should read as "microtiter".

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 21, lines 41 and 42, "AQ-7, AQ-17, AQ-18" should read "QA-7, QA-17, and QA-18".

Column 23, line 22, "monosuccharides" should read "monosaccharides".

Column 24, line 1, "mN" should read "mM".



Signed and Sealed this

First Day of June, 1993

ichael K. Tick

MICHAEL K. KIRK

Acting Commissioner of Patents and Trademarks

Attesting Officer